

FIG. 1

Proposed Synthesis of CNCbl poly-L-lysine-DTPA

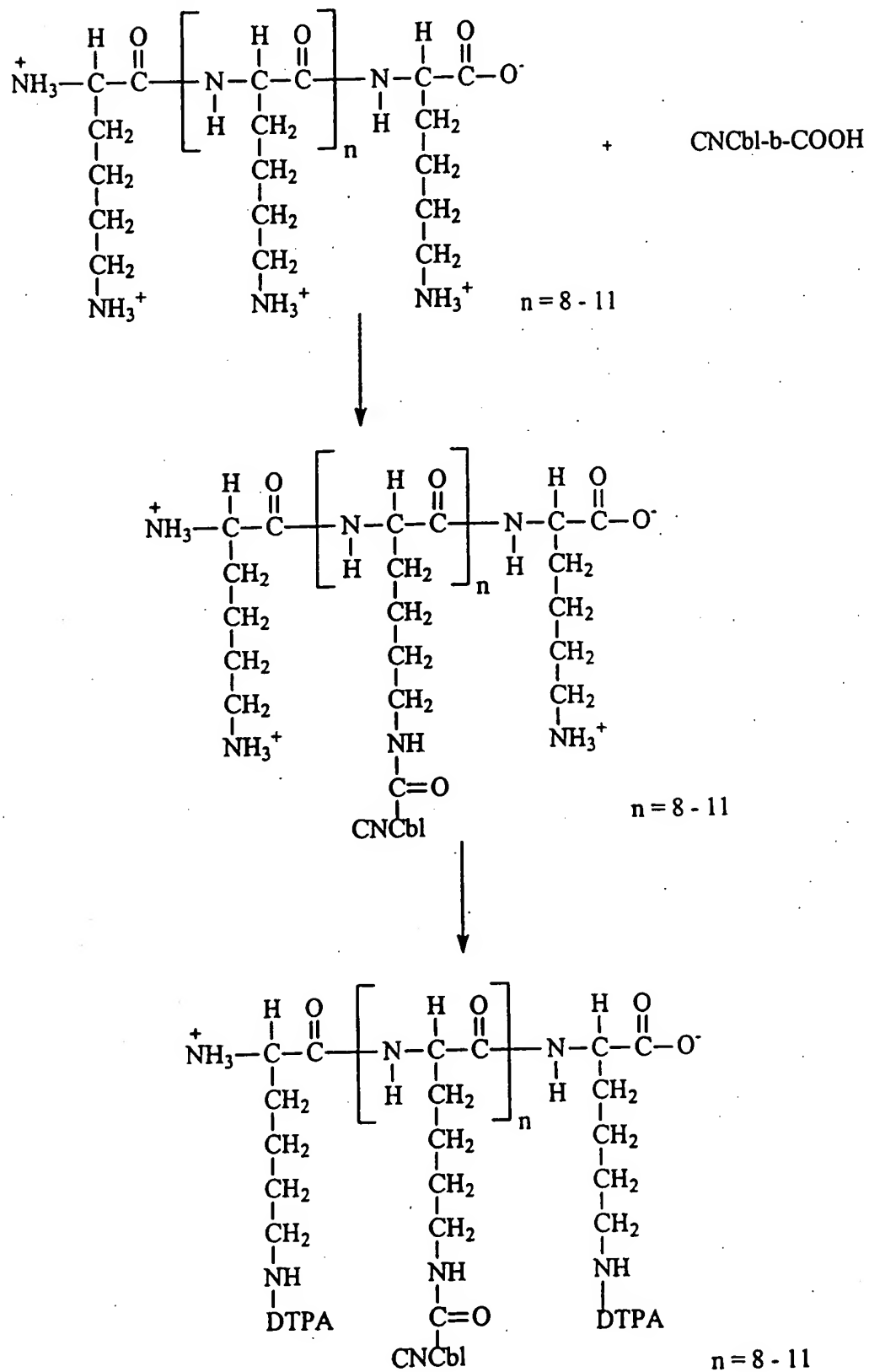


FIG. 2

Synthesis of adenosyltrifluoroethylamidocobalamins

CnCbl·COOH (b, d, and e)

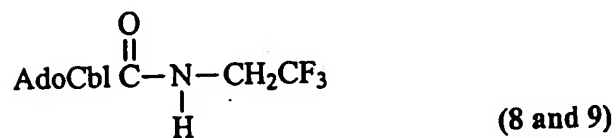
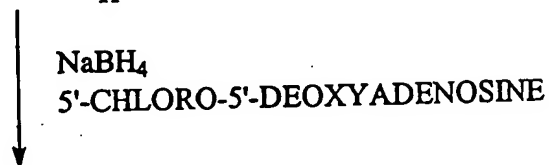
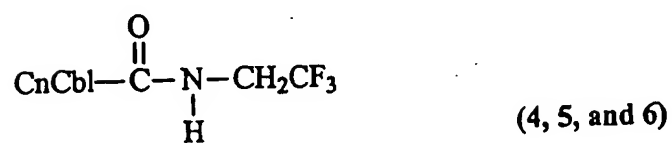
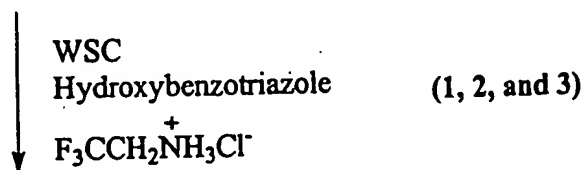


FIG. 3

Synthesis of adenosyltrifluoroethylamidocobalamins

CNCbl di COOH

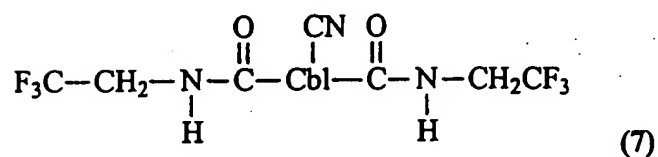
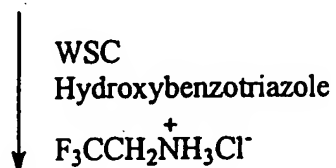


FIG. 4

Synthesis of cyano-b-trifluoroacetamidobutylamidocobalamin

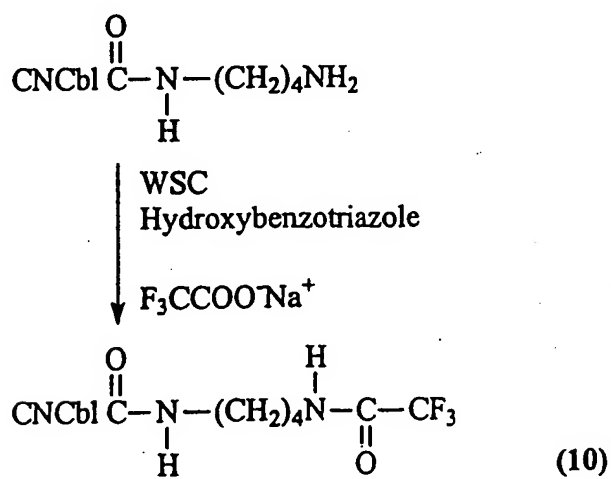


FIG. 5

Synthesis of cyanotrifluoroacetyl polylysine cobalamin

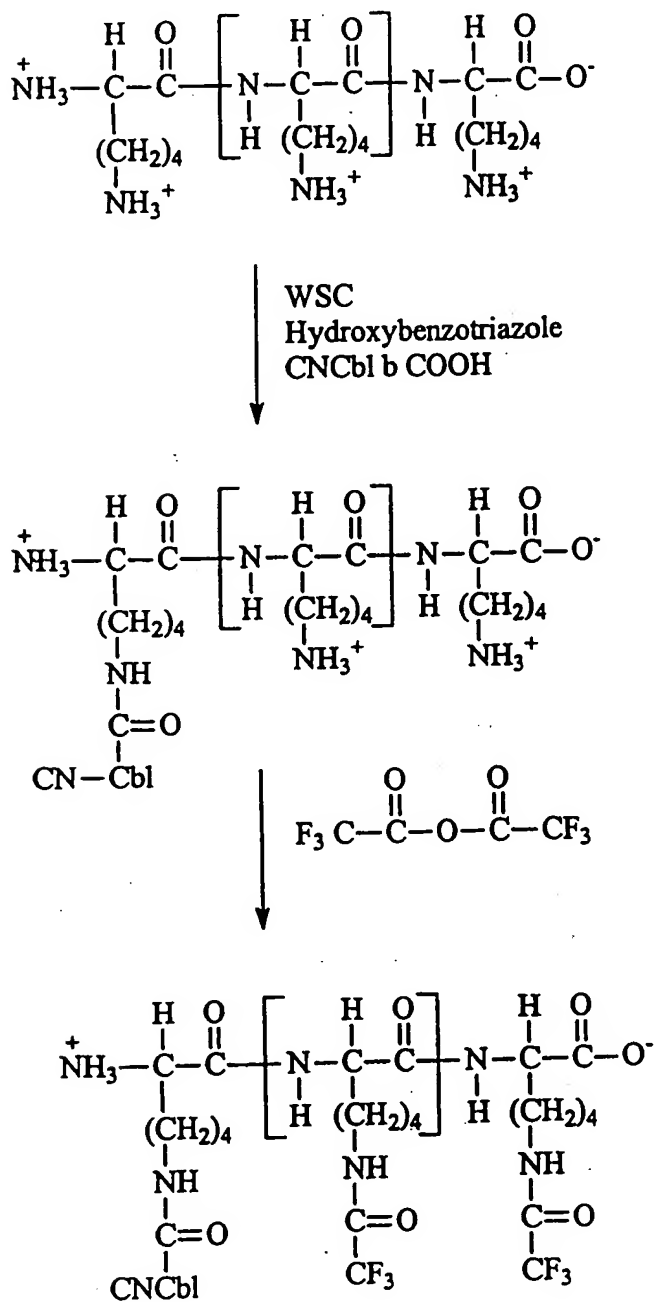


FIG. 6